## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|--|
| FEE DETERMINATION         | 7.17     |        | 2.14-00 |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          |        | 2,2900  |  |  |  |  |  |
| FORMALITY REVIEW          | ) W      | 68745  | 4-150   |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        |         |  |  |  |  |  |

## INDEX OF CLAIMS

| 7 | Rejected                   | Ν. | Non-elected  |
|---|----------------------------|----|--------------|
|   | Allowed                    | Ι. | Interference |
|   | (Through numeral) Canceled |    | Appeal       |
|   |                            |    | Objected     |

|   |          |              |              |          |          |          |            |          |          |                |          |          |  |          |                 | esti           |              |          |                |          |              |          |          |          |            |              |     |              |            |         |           |              |          |              |         |              |           |            |
|---|----------|--------------|--------------|----------|----------|----------|------------|----------|----------|----------------|----------|----------|--|----------|-----------------|----------------|--------------|----------|----------------|----------|--------------|----------|----------|----------|------------|--------------|-----|--------------|------------|---------|-----------|--------------|----------|--------------|---------|--------------|-----------|------------|
| Claim   | 7        |              | ~            | <u> </u> |          | _        | Da         | ate      |          | _              |          |          |  |          | Clai            | m              |              |          |                |          | Dat          | θ        |          |          |            |              | [   | Cla          | im         |         |           | _            | Da       | te           |         |              | _         | _          |
| Final   | _        | 4-17-0 S     | 10-16-02     |          |          |          |            |          |          |                |          |          |  |          | $\neg$          | Original       |              |          |                |          |              |          |          |          |            |              |     | Final        | Original   |         |           |              |          |              |         |              |           |            |
| Ē   |          | 4            | <b>≥</b>     | ╀        | 4        | 4        | _          | ╀        | +        | -              | _        | _        | $\vdash$                               |          | 프               | <u>0</u><br>51 | $\dashv$     |          |                | -        | _            | _        |          |          |            | H            | - 1 | _            | 101        | +       | ╁         | ╁            | ┢        | <del> </del> | +       | -            | -         | t          |
| 4   | 2        |              | <u>'</u>     | ╀        | +        | -        |            | ╬        | +        | $\dashv$       |          | _        | Н                                      |          | _               | 52             | -+           | -        | -              |          |              |          | -        | -        | -          | Н            |     |              | 102        | 1-      | T         | 1            | T        | T            | 1       | $\vdash$     |           | †          |
|   | 3        | H            | ╁            | ╁        | ╁        | ᅱ        | _          | ╁        | +        | $\dashv$       | _        |          | H                                      |          |                 | 53             | 7            | $\dashv$ |                |          | _            |          |          | Н        | Н          | Н            |     |              | 103        | 1       | T         | $\top$       | $\vdash$ | T            | T       | Γ            |           | T          |
|   | 4        | ₩            | +            | ╁        | +        | ┨        |            | ╁        | $\dashv$ |                | _        |          | $\vdash$                               |          |                 | 54             | +            | $\dashv$ |                |          |              |          |          |          | H          | Н            |     |              | 104        | T       |           |              |          |              |         |              |           | Ι          |
|   | 5        | ╫            | +            | ╁        | +        | ┪        | _          | ╅        | +        | $\dashv$       |          |          |  |          | П               | 55             | $\exists$    |          |                |          |              |          |          |          |            |              |     |              | 105        |         |           |              |          |              |         | L            |           | ⊥          |
|   | 6        | 11           | 1            | T        | 1        | 7        | _          | †        | 1        | T              |          | Г        |  |          |                 | 56             |              |          |                |          |              |          |          |          |            |              |     |              | 106        | $\perp$ | L         | ↓.           | _        | ┖            | ↓_      | _            | ┡         | 1          |
| 7   | 7        | 11           | 7            | T        | 1        |          | _          | I        |          |                |          |          |  |          |                 | 57             |              |          |                |          |              |          |          | <u> </u> |            | Ш            |     |              | 107        | 4       | ╀         | 1            | ╄        | ┞            | ┼—      | <b>!</b>     | ┞-        | ╀          |
|   | В        | $\coprod$    | I            |          | Ι        |          |            | I        |          |                |          | _        |  |          |                 | 58             | _            |          |                |          |              | L        |          | ļ        | L          | $\vdash$     |     | _            | 108        | +       | ╁         | +            | ┼        | ╀            | -       | ├-           | ┝         | ╀          |
| 9   | 9        | Ш            | 1            | L        | $\perp$  | _        |            | $\perp$  |          |                |          | <u> </u> | _                                      |          | Ш               | 59             | $\dashv$     | _        | _              |          | _            | <u> </u> |          | ┡        |            | H            |     | _            | 109        | ╂       | ╁         | ╀            | ╁        | ⊢            | ┼       | ╁            | -         | ╁          |
| 10  |          | Ц            | 1            | L        | 4        | 4        | _          | $\bot$   | 4        | _              | L        | ļ        | ┞-                                     |          | Н               | 60<br>61       | $\dashv$     |          |                | <u> </u> | _            | <u> </u> |          |          | $\vdash$   |              |     |              | 110<br>111 | ╂       | ╀         | +-           | ╁        | ╁╌           | ╁       | ├            | ╁         | +          |
| 1   | _        | Н            | 1            | Ļ        | 4        | 4        | Ĺ.,        | +        | 4        | _              | _        | _        |  |          | $\vdash$        | 62             | -            |          | _              | <u> </u> | _            |          | _        |          | -          | $\vdash$     |     |              | 112        | ╁       | ╁         | +            | ╁        | ╁            | +       | ┼            | t         | $^{+}$     |
| 12  |          | H            | $\vdash$     | +        | 4        | _        | <u> </u>   | +        | +        |                | <u> </u> | -        | $\vdash$                               | 1        | $\vdash \vdash$ | 63             | $\dashv$     |          |                | <u> </u> | -            | $\vdash$ |          | $\vdash$ | -          | $\vdash$     |     | $\vdash$     | 113        | +-      | +         | +            | T        | T            | 1       | t            | ╁         | +          |
| 1   |          | 44           | V            | +        | +        | _        | _          | +        | +        | -              | ŀ        | $\vdash$ |  | 1        | $\vdash$        | 64             | -+           | _        | $\vdash$       | -        | $\vdash$     |          | H        | -        | $\vdash$   | ╁┈┤          |     | <del> </del> | 114        | 1       | $\dagger$ | †            | ⇈        | 1            | T       | 1            | T         | †          |
|   |          |              | N            | 4        | +        |          | H          | +        | $\dashv$ | $\dashv$       | $\vdash$ |          | +-                                     |          |                 | 65             | $\dashv$     |          | $\vdash$       | $\vdash$ | -            | $\vdash$ | _        | T        |            | Н            |     | $\vdash$     | 115        | 1       | 1         | T            | Ī        | 1            |         |              | Γ         | I          |
| 7   |          | Н            | 7            | ╁        | +        | _        | -          | +        | $\dashv$ | -              | -        |          | +                                      |          |                 | 66             | $\dashv$     |          |                |          | $\vdash$     |          |          | _        | Γ          | П            |     | Г            | 116        |         |           | $\mathbf{I}$ |          |              |         | 1.           |           | Ι          |
| -   |          | $\dagger$    | H            | t        | +        | -        | r          | +        | ┪        | _              | $\vdash$ |          | †                                      |          | П               | 67             |              |          | Г              |          |              |          |          |          |            |              |     |              | 117        |         | I         |              |          | L            |         | L            | L         | 1          |
|   | 8        | $^{+}$       | H            | t        | 7        |          | r          | †        | ヿ        | _              | H        | 1        | T                                      | 1        | П               | 68             |              |          |                |          |              |          |          |          |            |              |     |              | 118        |         |           | <u> </u>     |          | L            | $\perp$ | _            | L         | 4          |
|   | 9        | †            | Ħ            | T        | 7        |          | Г          | 1        | ┪        |                | Г        | Г        |  | 1        |                 | 69             |              |          |                |          |              |          |          |          |            |              |     | L            | 119        | 1       | ┸         | ┸            | 1_       | ╙            | $\perp$ |              | L         | 1          |
| 1   | -        | 1            | H            | 1        | 1        |          | Г          | T        | 7        |                | Γ        | Г        | 1                                      | ١        |                 | 70             | ٦            |          |                |          |              |          |          |          |            |              |     |              | 120        | 1_      | L         |              |          |              | $\perp$ |              | _         | 1          |
| #   |          | ď            | H            | t        | ┪        |          |            | †        | ┪        | _              | -        | 1        | 1                                      | 1        |                 | 71             |              |          |                |          |              |          |          |          |            |              |     |              | 121        | L       | L         | ┸            | ↓        | L            | 1_      | ╙            | L         | 4          |
| 12  |          | 7            | Ħ            | Ť        | ┪        |          |            | 1        |          |                |          |          |  | ]        |                 | 72             |              |          |                |          |              |          |          | L        | L          |              |     | <u> </u>     | 122        | 4-      | ╄         | 4_           | ┺        | $\perp$      | ╄-      | ╙            | ↓         | 4          |
|   | 23       | 1            |              | 1        |          |          |            | 1        |          |                |          |          |  |          |                 | 73             |              |          | _              |          | _            | <b>!</b> |          | <b> </b> | ļ          | 1_           | ľ   |              | 123        |         | ╀         | -            | -        | ╀            | - -     | ╀            | -         | +          |
| : 2   | 24       |              | Π            | Ι        |          |          |            | $\Box$   |          |                |          | L        |  |          |                 | 74             |              |          | _              | _        | _            |          |          | <u> </u> | <b> </b>   | $\sqcup$     |     |              | 124        | -       | +         |              | +-       | +            | ╁—      | ╀            | ╁         | +          |
|   | 25       | $\Box$       |              |          |          |          | L          | _        | $\Box$   |                | ↓_       | L        | 4_                                     |          | _               | 75             | _            |          | ļ              | -        | <b>├</b>     | -        | <u> </u> | ļ        | <b> </b> _ | <b> </b>     |     | <u> </u>     | 125        |         | - -       | +-           | +-       | ╁            | +       | +-           | ┼         | +          |
| 1   | 6        | 1            | Ш            | ┵        | _        |          | <u> </u> _ | 4        | $\dashv$ |                | ↓_       | L        | ــــــــــــــــــــــــــــــــــــــ | 1        |                 | 76             | _            |          | _              | ļ        | <b> </b>     | ├        | -        | ┡        | <b>├</b>   | -            |     |              | 126<br>127 |         | +-        | +            | ╂╌       | ╁┈           | +-      | ┼            | ╁╴        | ╁          |
| <i>i</i> 22 22 22 33 33 33 33 33 33 33 33 33 33 | [7]      | 1            | Ш            | 1        | 4        |          | _          | 4        | _        |                | ļ        | L        | <del> </del>                           | -        | <u> </u>        | 77<br>78       |              |          | -              | -        | ⊢            | ⊢        | ├        | ┢        | ┼          | $\vdash$     |     | $\vdash$     | 128        | +-      | +-        |              | -        | ╁            | ┪       | ╁──          | ╁         | ╁          |
| 13  | 8        | 4            | 11           | 4-       | 4        |          | ļ          | 4        | -        |                | -        | ╁-       | -                                      | -        | -               | 78<br>79       | -            |          | -              | ╁        | <del> </del> | ⊢        |          | ╁        | ╁          | ╁╌           |     |              | 129        | -       | ╁         | ┪            | ╁        | ╁            |         | ┼─           | 1-        | 1          |
| 12  | Ц        | 4            | ₩            | 4        | _        |          | 1          |          | -        |                | -        | ╁        | ┥                                      | 1        |                 | 80             | _            | _        | -              | ╁        | -            | ╁        | -        | ╁        | -          | $\vdash$     | ĺ   | $\vdash$     | 130        | 1       | ╁         | +            | ╅        | $\dagger$    | 1-      | 1            | 1         | 1          |
| 1   | Ħ        | ¥            | ₩            | +        | $\dashv$ |          | Ļ          | +        | $\dashv$ |                | ├        | -        | +                                      | 1        | -               | 81             |              |          | ╁              | ├        | ┢            | ┼        | $\vdash$ | ┼        | ╁          | 1-           |     | 1            | 131        | 1       | T         | +            | 1        |              | 1       | 1            | T         | †          |
| 1   | #        | 7            | ₩            | +        | $\dashv$ |          | ╁          | $\dashv$ |          | _              | ┼-       | ┼-       | ┪┈                                     | 1        |                 | 82             |              |          |                | ╁─       | 1-           | 1-       |          | †-       | 1-         | 一            | 1   |              | 132        | 1       | 1         | 7            | 1        | 1            | T       | 1            |           |            |
| 1 3   | 33       | ~            | N.           | +        | ╗        | _        | ╁          | +        |          | $\vdash$       | ┼        | ╁        | +-                                     | 1        |                 | 83             | _            |          | 1              | 1        | 1-           | 1:       |          | 1        | 1          | Π            | 1   | Г            | 133        | F       |           |              |          |              |         |              |           | 1          |
| H3  | 34       |              | <del> </del> | +        | ÷        |          | ╁          | $\dashv$ |          | _              | +        | †        | †-                                     | 1        |                 | 84             |              |          | 1              | 1        | 1            | 1        |          | 1        |            |              |     |              | 134        |         |           | I            |          | _            |         | _            | $\perp$   | ⅃.         |
|   | 35       | Г            | 1            | +        |          |          | T          | 7        |          |                |          | T        |  | ]        |                 | 85             |              |          |                |          |              |          |          |          | _          | _            |     | _            | 135        | 4-      | 4         | _            | 1        | 1-           | $\bot$  | <del> </del> | ╀         | 4          |
| 1 3   | 36       |              |              |          |          |          |            |          |          |                |          | I        | L                                      |          |                 | 86             |              | _        |                | ┖        | _            |          | _        | ┖        | -          | $oxed{\bot}$ |     |              | 136        |         | 4-        |              | ╁        | -            | -       | ╁            | ╀         | +          |
| 1. 15   | 37       |              |              | Ι        |          |          |            |          |          |                |          | L        |  |          | _               | 87             |              |          |                |          | _            |          | -        |          | -          | 1            |     | -            | 137        |         | - -       | -            | 1        | +            |         | ┧—           | +         | +          |
|   | 38       |              |              |          |          |          |            |          |          | Ŀ              | L        |          | _                                      |          | L               | 88             |              | _        | ↓_             | ╄        | 1            | -        | L        | ╁-       |            |              | -   | -            | 138        | -       | +-        |              | 4-       | +            |         | ╅—           | +-        | +          |
|   | 39       | _            | L            |          |          |          |            |          |          | _              | _        | 1        | -                                      |          | -               | 89             | ļ            | _        | ╀              | ╂—       | ╁-           | -        | ╀        | ┼        | -          | -            |     | -            | 139        | +       | +         | ╁            | ╁        | +-           | +       | $\vdash$     | +         | +          |
| 1   | 40       |              | 1            | 1        |          | _        | 1          |          |          | L              |          |          | -                                      |          | _               | 90             |              | _        | <del> </del> _ | 1-       | ļ            |          | ļ        | 1-       | -          |              | 1   | -            | 140        |         | +         | 4-           |          | ╁            | +-      | ╁            | +         | +          |
|   | 41       |              | L            | _        | _        | _        | 1          | $\perp$  |          | L              | 1        | $\perp$  | <u> </u>                               |          | -               | 91             | _            | <u> </u> | 1              | $\perp$  | 1            | 1        | -        | +        | +          | -            |     | $\vdash$     | 142        |         | +         | +            | +-       | +            | +       | ╁            | ╁         | +          |
|   | 12       |              | 1            | 4        |          | _        | 1-         | _        |          | _              | -        | 1        | -                                      | 4        | -               | 92             | _            | -        | -              | ╀        | +            | 1        | ┼-       | -        | +          | -            | 1   | -            | 143        |         | -         | - -          | +        | +-           | +       | -            |           | +          |
|   | 43       |              | 1            | 1        |          | _        | 1          | _        | _        |                | -        | -        |  | -        | -               | 93             | _            | -        | -              | +        | -            | -        | +        | +        | +          | +            | 1   | -            | 144        | +       | +         | -            | +-       | +            | +-      | +-           | +         | +          |
|   | 44       | _            | 1            | 1        |          | _        | 1          | 4        |          | -              | +        | 1        | -                                      | 4        | -               | 94             | -            | -        | -              | -        | +-           | +        | -        | -        | +          | -            | 1   | -            | 145        | +       | +         | +            | +        | +            | +       | +            | +         | +          |
|   | 45       | $\vdash$     | 1            | 4        |          | <u> </u> | -          | 4        | _        | -              | +        | -        |  | $\dashv$ | -               | 96             |              | -        | ╁              | +        | +-           | +        | +-       | +-       | +          | -            | 1   | -            | 146        | +       | +         | +            | +        | $^{+}$       | +       | $\dagger$    | $\dagger$ | +          |
|   | 46       | -            | +            | 4        |          |          | +          | 4        |          | -              | +-       | +        | +                                      | +        | -               | 96             | -            | 1-       | ┪              | +        | +-           | +        | +-       | +-       | 1-         | +            | 1   | -            | 147        | +       | +         | +            | +        | +            | +       | $\dagger$    | T         | †          |
|   | 47<br>48 | <del> </del> | +            | 4        | _        | -        | +          | -        |          | -              | +-       | +        | +                                      | -        | $\vdash$        | 98             | <del> </del> | +-       | +-             | +        | +-           | +        | +        | +        | +-         | +-           | 1   | -            | 148        | - -     | +         | +            | -        | +            |         | 1            | 1         | †          |
|   | 48<br>49 |              |              | 4        |          |          | -          | $\dashv$ |          | <del> </del> − | +-       |          |  | 1        | -               | 99             | 1-           | +-       | ╁              | +-       | +            | 1-       | +        | 1-       |            | 1-           | 1   | -            | 149        | _       | - -       |              | 7        |              |         | Ι            |           |            |
| 1   | 50       | <b> -</b>    |              | +        |          |          |            | -        |          | <del> -</del>  | +        | +-       |  | +        |                 | 100            | 1-           | 1-       | †              | 1-       | 1-           | 1-       | †        | 1-       | _          |              | 1   |              | 150        |         |           |              |          | $\perp$      |         | $oxed{\Box}$ | $\perp$   | $_{\perp}$ |

If more than 150 claims or 10 actions stapl additional sheet here